

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	0	(treatment)and(diesel)and(heating)and(homogenization)and(separation)and(centrifugal)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(hydrophobic)and(circulation)and(circuit)and(exchanger)and(multilayer)and(multifunctional)and(catalyst)and(alkylating)and(transitional).clm.	US-PGPUB	OR	OFF	2006/10/06 13:32

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	10/089,979	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/10/06 13:20
L2	31	"4387691"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/10/06 13:24
L3	288	208/177	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/10/06 13:26
L4	0	(treatment)and(diesel)and(heating)and(homogenization)and(separation)and(centrifugal)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(hydrophobic)and(circulation)and(circuit)and(exchanger)and(multilayer)and(multifunctional)and(catalyst)and(alkylating)and(transitional).clm.	US-PGPUB	OR	OFF	2006/10/06 13:32
L5	0	(treatment)and(diesel)and(heating)and(separation)and(centrifugal)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(hydrophobic)and(circulation)and(circuit)and(exchanger)and(multilayer)and(multifunctional)and(catalyst)and(alkylating)and(transitional).clm.	US-PGPUB	OR	OFF	2006/10/06 13:33
L6	0	(treatment)and(diesel)and(heating)and(separation)and(centrifugal)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(circulation)and(circuit)and(exchanger)and(multilayer)and(multifunctional)and(catalyst)and(alkylating)and(transitional).clm.	US-PGPUB	OR	OFF	2006/10/06 13:33
L7	0	(treatment)and(diesel)and(heating)and(separation)and(centrifugal)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(circulation)and(circuit)and(exchanger)and(multilayer)and(catalyst)and(alkylating)and(transitional).clm.	US-PGPUB	OR	OFF	2006/10/06 13:34

## EAST Search History

L8	0	(treatment)and(diesel)and(heating)and(separation)and(centrifugal)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(circulation)and(circuit)and(exchanger)and(catalyst)and(alkylating)and(transitional).clm.	US-PGPUB	OR	OFF	2006/10/06 13:34
L9	0	(treatment)and(diesel)and(heating)and(separation)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(circulation)and(circuit)and(exchanger)and(catalyst)and(alkylating)and(transitional).clm.	US-PGPUB	OR	OFF	2006/10/06 13:34
L10	0	(treatment)and(diesel)and(heating)and(separation)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(circulation)and(exchanger)and(catalyst)and(alkylating)and(transitional).clm.	US-PGPUB	OR	OFF	2006/10/06 13:35
L11	0	(diesel)and(heating)and(separation)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(circulation)and(exchanger)and(catalyst)and(alkylating)and(transitional).clm.	US-PGPUB	OR	OFF	2006/10/06 13:35
L12	0	(diesel)and(heating)and(separation)and(rotor)and(disk)and(vortex)and(apparatus)and(filtration)and(circulation)and(exchanger)and(catalyst).clm.	US-PGPUB	OR	OFF	2006/10/06 13:35
L13	7	(diesel)and(heating)and(separation)and(apparatus)and(filtration)and(circulation)and(exchanger)and(catalyst).clm.	US-PGPUB	OR	OFF	2006/10/06 13:36
S1	17	"5052996"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 08:56
S2	0	10/089,979	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 07:49
S3	18	"5052996"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 15:22
S4	1	"DE 3442980 A1"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 07:24

## EAST Search History

S5	1	"SU 1813912 A1"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 15:27
S6	1	"RU 2054572 C1"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 15:29
S7	1	"RU 2105184 C1"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 15:30
S8	43	196/14.5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 15:45
S9	92	(diesel)and(centrifugal)and(field)and (filtration)and(porous)and(asphalt \$4)and(separat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 08:17
S11	334	210/777	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 07:50
S12	94	(diesel)and(hydrophobic)and(filtrati on)and(alkylat\$7)and(transition)and (metal)and(activ\$8)and(carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/29 08:22
S13	16	"3768454"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:00
S14	22	"4372260"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:05
S15	25	"4387691"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:09
S16	177	208/88	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:12
S17	427	585/446	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 13:23

## EAST Search History

S18	850	(aromatics)and(alkylation)and(diesel)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:31
S19	340	(aromatics)same(alkylation)and(diesel)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:31
S20	58	(aromatics)same(alkylation)same(diesel)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:54
S21	1288	(stabilizing)and(additive)and(diesel)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:54
S22	535	(stabilizing)same(additive)and(diesel)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:54
S23	223	(stabilizing)same(additive)same(diesel)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:58
S24	23	(stabilizing)same(additive)near4(diesel)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 09:55
S25	12	(stabilizing)same(additive)same(diesel)and(surface-active)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 11:21
S26	21	(diesel)and(filtration)and(catalyst)and(powder)and(transition-metal)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 11:23
S27	21	(diesel)and(filtration)and(powder)and(transition-metal)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 11:23
S28	72	585/448	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 13:23
S29	10	44/305	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 13:23
S30	1283	123/1A	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:10
S32	4263	(diesel)and(filter)and(catalyst)and(metal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:11

## EAST Search History

S33	370	(diesel)same(filter)same(catalyst)same(metal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:11
S34	138	(diesel)same(filter)same(catalyst)near3(metal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:12
S35	87	(diesel)near4(filter)same(catalyst)near3(metal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:33
S37	2	(diesel)and(oil)near4(filter)same(catalyst)near3(metal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:31
S38	842	(diesel)and(oil)and(filter)and(catalyst)near3(metal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:34
S39	185	(diesel adj oil)and(filter)and(catalyst)near3(metal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:34
S41	185	(diesel adj oil)and(filter)and(catalyst)near3(metal)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:38
S42	27	(diesel adj oil)and(filter)and(active adj carbon)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:55
S43	1816	(diesel adj oil)and(filtration)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 11:55
S44	8	(diesel adj oil)near3(filtration)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 12:04

## EAST Search History

S45	266	210/762	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 14:02
S46	162	208/189	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/04/05 14:02